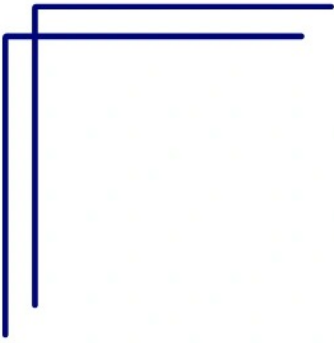




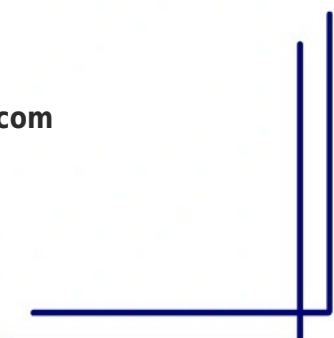
LABDex



Automatic Colony Counter LX700ACC



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Description

Automatic Colony Counter LX700ACC equipped with advanced smart counter software for accurate automatic microbial colony counting and 4k true colour high-resolution camera with ultra-low distortion optical lens ensures reliability and accuracy. It has open platform, anti-interference design of external light makes operation more convenient and quick. Designed with up and down 360° LED dual light source with colour and brightness adjustment function. Three -level authority management for open corresponding function according to the login authority. It has ability of read the number of colonies such as plate count, spiral inoculation, coating method, pouring method and mesh filter membrane.

Specifications

Camera	4K Camera
Authority management	Third-level authority
Light source	Upper light source: Bright and dark adjustable switch Lower light source: Color adjustable, bright and dark adjustable switch
Mode selection	Count Mode, Grid film, Multicolor Statistics, Handwriting interference, Human aided identification and Metrological calibration pattern fully automatic
Mode Inhibition zone mode	Fully automatic mode
Traceability	Log and historical results
Pixel resolution	8.29 Million
Smallest colony recognition size	0.1 mm
Maximum size of petri dish	< 120 mm
Power supply	AC110~220V, 50Hz
Overall dimensions	290 x 260 x 380 mm
Net weight	3 kg
Packing dimensions	520 x 460 x 460 mm
Gross weight	9 kg

Features

- 4K high-resolution color camera and ultra-low distortion optical lens

- ˆ Equipped with dual LED illumination on top and bottom, can adjust the color and illumination intensity
- ˆ Open-platform makes operation more convenient and faster
- ˆ Functions like audit tracking function, design log module, history record module, anti-handwriting interference function, data traceability, grid membrane colony count and grasping the dynamic situation of instrument usage
- ˆ Automatic colony counting and divides the colonies which stick together
- ˆ Can recognize max eight color colonies to maximize the accuracy
- ˆ Manually add and delete the colonies, to correct the statistical results

Applications

- ˆ Used for in microbiology, hospitals, cosmetic, food industries, and pharmaceuticals units for quantitative studies, quality and research purpose.



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